



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBW109-3101-58-1-7

Job Sheet 170545



Part No: RBW109-3101-58-1-7

Job Qty: 6 ea

Part Name: Handle



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/17/18

Job Tracking No:

Due Date: 1/31/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG RBW109-3101-58-1 Rev3 IPP Rev A 17.11.28 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea		1/16/18	0.00	0.00	Start Up Machining-4		SL 18-1-27
120	Mori Seiki	6 pcs		1/17/18	0.00	0.60	MORI SL-154		SL
130	QC	6 pcs		1/17/18	0.00	0.00	QC2 Machining-4		SL
140	QC	6 pcs		1/17/18	0.00	0.00	QC8 Machining-5		FL DAS 18-1-28
145	QC	6 pcs		1/17/18	0.00	0.00	QC5		38
150	Outsource	6 pcs		1/30/18			ATG001-VC Outsource 104		AP 18/02/11
160	Packaging	6 pcs		1/30/18	0.00	0.00	Packaging2		AP 18/02/11
170	QC	6 pcs		1/30/18	0.00	0.00	QC6		38
180	Small Fab	6 pcs		1/31/18	0.00	1.20	Small Fab-9		MLC 38 DAS
190	QC	6 pcs		1/31/18	0.00	0.00	QC5		38
200	Packaging	6 pcs		1/31/18	0.00	0.00	Packaging3-2 GA		FEB 15 2018
210	QC21-SA	6 Ea		1/31/18	0.00	0.00	QC21		21

Part Op 120 - 1-Machine as per folio FB686 FOLIO REV: _____ DWG REV: _____ 2-Debur

Descriptions: 150 - -Issue P/O to ATG: 1638921 -ANODIZE COLOR BLUE, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required

180 - Laser engrave T/N

FEB 16 2018

JAN 31 2018

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	M6061T6R0.375	2 <u>2.46</u>	66	0	0

5021843

3.8

Part Specifications

Specifications could not be found.



Dart Aerospace Ltd.

1270 Aberdeen Street
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CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Handle

PART NO: RBW109-3101-58-1-7

Original Serial #: S036120

Revision:

Operation: Start up Operation 01/27/18

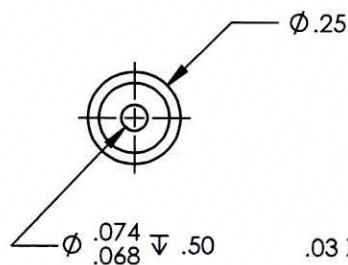
Change No:

Job No: 170545

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0212	-7 CH'D DIM WAS Ø.24 IS Ø.25, CH'D ENGRAVE NOTE WAS LASER ENGRAVE T/N IS LASER ENGRAVE T/N, S/N, "MADE IN USA".	11/4/2016	RJC	JAG
3	17-0053	-7 CH'D ENGRAVE NOTE WAS LASER ENGRAVE T/N, S/N, "MADE IN USA" IS LASER ENGRAVE T/N.	2/20/2017	RJC	JAG

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 170545 18-01-17



.03 X 45°

LASER ENGRAVE T/N

4.31

SR .13

(-7)
HANDLE

DART AEROSPACE	
TITLE HAMMER, STEEL, BLADE CORROSION AND VOIDS DETECTION	
DWG NO. RBW109-3101-58-1-7	REV 3
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH BLUE ANODIZE	.XX ± .01 ANGLES ± 5°
SPEC MIL-A-8625F, TYPE II, CLASS II	.X ± .1 SURFACES = 125
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 X 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AW109/AW119
SCALE 2:1	DATE 3/12/2015 SHEET 5 OF 5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								



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PURCHASE ORDER PO038921

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
16	168945	RBH9928-12-5	Water sealant -Certificate of Conformity is required Clamp -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	2/9/18	1 pcs ✓	0 pcs 1x	1 pcs AT 18/02/11	\$7.30/pcs	\$7.30
17	170102	RB T102103-3	Adapter -Issue P/O to ATG: _____ -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required	Firmed	2/9/18	20 pcs ✓	0 pcs 20x	20 pcs AT 18/02/11	\$3.47/pcs	\$69.40
18	170336	RBT112800-3	PTO Seal Install Tool -Issue P/O to ATG: _____ -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required	Firmed	2/9/18	6 pcs ✓	0 pcs 6x	6 pcs AT 18/02/11	\$3.47/pcs	\$20.82
19	170362	RBW109-3101-58-1-7	Handle -Issue P/O to ATG: _____ -ANODIZE COLOR BLUE, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	2/9/18	6 pcs ✓	0 pcs 6x	6 pcs AT 18/02/11	\$13.62/pcs	\$81.72
20	170378	RBW109-3101-58-2-3	Hammer Head -Issue P/O to ATG: _____ -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required	Firmed	2/9/18	9 pcs ✓	0 pcs 9x	9 pcs AT 18/02/11	\$3.47/pcs	\$31.23
21	170475	646.3810	Bracket Issue P/O to ATG : _____ 1- Hard Anodize Black and Prime as per Dwg 646.3800	Firmed	2/9/18	24 pcs	0 pcs	24 pcs	\$7.67/pcs	\$184.08
22	170478	646.3813	AS350 Strut Bracket Issue P/O to ATG : _____ Hard Anodize Black and Prime as Per Dwg 646.3800	Firmed	2/9/18	16 pcs	0 pcs	16 pcs	\$7.22/pcs	\$115.52
23	170545	RBW109-3101-58-1-7	Handle -Issue P/O to ATG: _____ -ANODIZE COLOR BLUE, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	2/9/18	6 pcs ✓	0 pcs 6x	6 pcs AT 18/02/11	\$13.62/pcs	\$81.72
24	170548	646.9910	Struts Issue P/O to ATG : _____	Firmed	2/16/17	29 pcs	0 pcs	29 pcs	\$14.52/pcs	\$421.08



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914610

Date: 09-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
⑥ ea	Part: RBT112800-3 PTO Seal Install Tool Anodize per MIL-A-8625F, Type II, Class 1, Clear, .0004-.0010" (.4 - 1 mils), Water Seal Job: 22479	Rev: 3A PO: PO038921	Line: 18
⑨ ea	Part: RBW109-3101-58-2-3 Hammer Head Anodize per MIL-A-8625F, Type II, Class 1, Clear, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 22480	Rev: 3 PO: PO038921	Line: 20
⑥ ea	Part: RBW109-3101-58-1-7 Handle Anodize per MIL-A-8625F, Type II, Class 2, Blue, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 22483	Rev: 3 PO: PO038921	Line: 23
⑦ ea	Part: RBW109-3101-58-2-3 Hammer Head Anodize per MIL-A-8625F, Type II, Class 1, Clear, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 22485	Rev: 3 PO: PO038921	Line: 25
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>09/02/2018</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ Made in Canada.			



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914610

Date: 09-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms

Ship Via

OUR TRUCK

Quantity

Description

A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.

Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.

Made in Canada.